



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

D139-799-015
Job Sheet 169419



Part No: D139-799-015

Job Qty: 3 ea

Part Name: Engine Wash



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 12/11/17

Job Tracking No:

Due Date: 12/14/17

Created By: Mario Poulin

Type: SOLD

Description:

Customer: Bristow - Australia Operations (CBRIS05)

130 Fauntleroy Avenue, Perth Redcliffe, W Australia, 6104 Australia ph:(089) 475-1723 fx:(089) 478-3844.

Note: DWG REV M IPP Rev:B 11.07.04 new issue DD verf:JLM IPP REV:B AS PER ECN 11-598 11-06-05 JLM
VERF BY:DD IPP Rev:C 11.09.27 PER CHG003 DD verf:EC IPP Rev:D 13.09.24 PER CHG005/ECN13-579
DD verf:JLM IPP REV:E 16.10.13 AS PER IIN REV.L DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	3 Ea	12/14/17	12/14/17	0.00	0.00	Start Up Stores/Pkg-1		12/12/18
110	Packaging	3 pcs	12/14/17	12/14/17	0.00	0.00	Packaging1-1		12/12/18
120	QC	3 pcs	12/14/17	12/14/17	0.00	0.00	QC4		Smt
125	DC	3 pcs	12/14/17	12/14/17	0.00	0.00	DC		
130	Packaging	3 pcs	12/14/17	12/14/17	0.00	0.00	Packaging3-1		Smt
140	QC21-FG	3 Ea	12/14/17	12/14/17	0.00	0.00	QC21		18/01/29

Part Op 125 - Photocopy bluefile & type labels per PPP D139-799-015 CHG005
Descriptions: 130 - Identify and pack for shipping as per PPP D139-799-015 PPP rev:

18/01/29
see attachment

Job Allocations

Operation	Component Part	Required	Inventory	Allocated	Std Qty
90-Start up Operation	AN3C3A 5030237	12	294	0	0
	AN3C5A 5030238	8	1,592	0	0
	AN526-1032R16 5030339	12	105	0	0
	AN832-6J 5030241	8	22	0	0
	AN924-6J 5030245	12	36	0	0
	CB2000CRA3-28 5030246	9	46	0	0
	CB4022V3CR8 5030247	9	21	0	0
	CB91 5030248	6	35	0	0
	D4121-1 5030249	6	19	0	0
	D4121-3 5030250	3	0	0	0
	D4121-5 5030251	3	13	0	0
	D4131-041 5030252	3	5	0	0
	D4131-043 5030253	3	3	0	0
	D4146-1 5030254	6	6	0	0
	D4182-1 5030255	6	18	0	0
	D4384-1 5030256	6	6	0	0
	MS21043-3 5030257	30	1,117	0	0
	MS21919-WDG9 5030258	27	86	0	0
	MS21919WCH16 5030259	6	14	0	0
	MS21919WCH4 5030260	6	14	0	0
	MS21919WCH9 5030261	12	48	0	0
	NAS1149C0316R 5030262	18	386	0	0

Handwritten notes and calculations:

- 5031814
- 2x 5031109
- 1x 5031110
- 5030099
- 2x 5031813
- 5030237
- 5030238
- 5030339
- 5030241
- 5030245
- 5030246
- 5030247
- 5030248
- 5030249
- 5030250
- 5030251
- 5030252
- 5030253
- 5030254
- 5030255
- 5030256
- 5030257
- 5030258
- 5030259
- 5030260
- 5030261
- 5030262

DART
AEROSPACE
S031815



Engine Wash

PART NO: D139-799-015
Revision:
Operation: Packaging
Change No: CHG006

Dart Aerospace Ltd.

1270 Aberdeen Street
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CANADA
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Email: sales@dartaero.com
www.dartaerospace.com

Mfg Date: 01/12/18
Job No: 169419

NAS1149C0332R	5030079	24	5,228	0	0
NAS1149C0932R	5030078	42	40	0	0
NAS43DD3-80N	5030077	9	46	0	0

Part Specifications

Specifications could not be found.

Plex 1/2/18 7:48 AM dart.quirion.sonia

Qty -015	Part Number	Description
X	D139-799-015	ENGINE WASH KIT
2	D4121-1	HOSE ASSEMBLY
1	D4121-3	HOSE ASSEMBLY
1	D4121-5	HOSE ASSEMBLY
1	D4131-041	MANIFOLD ASSEMBLY
1	D4131-043	DOUBLER ASSEMBLY
2	D4146-1	FITTING
2	D4182-1	FITTING, QUICK DISCONNECT
1	D4384-1	PLACARD
3	AN3C5A	BOLT (or NAS6603-4)
4	AN3C3A	BOLT
4	AN526-1032R16	SCREW
2	AN832-6J	UNION (or AN837-6J)
4	AN924-6J	NUT
10	MS21043-3	NUT
4	NAS1149C0932R	WASHER (or AN960C916L)
8	NAS1149C0332R	WASHER (or AN960C10L)
6	NAS1149C0316R	WASHER (or AN960C10LL)
3	NAS43DD3-80N	SPACER
9	MS21919WDG09	CLAMP (or AS21919WDG09)
2	MS21919WCH4	CLAMP (or AS21919W CH4)
4	MS21919WCH9	CLAMP (or AS21919W CH9)
2	MS21919WCH16	CLAMP (or AS21919W CH16)
3	CB2000CRA3-28	STUD (or A366A3E30C)
3	CB4022V3CR8	ANCHOR NUT (or AW001TL3A08)
2	CB91	3.5g ACRYLIC ADHESIVE KIT

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Revision: N
Date: 17.08.14

Linda Lacelle

From: Harvey Siemens
Sent: Thursday, January 25, 2018 11:12 AM
To: Linda Lacelle; William Monterroza; Marcel Daviau
Cc: Jean-Luc Menard; Eric Downing
Subject: Re: The Flight Shop, Inc -- Click Bond® and General Aviation Merchant Order Notification OrderID: 4347

Linda,

Since the actual adhesive in the kits are both the CB200 it would be acceptable to sub the CB92 for the CB91.

Regards,

Harvey Siemens

Sent from my mobile device, please forgive spelling mistakes and weird auto-corrections



From: Linda Lacelle <llacelle@dartaero.com>

Sent: Thursday, January 25, 2018 8:09 AM

Subject: FW: The Flight Shop, Inc -- Click Bond® and General Aviation Merchant Order Notification OrderID: 4347

To: Harvey Siemens <hsiemens@dartaero.com>, William Monterroza <wmonterroza@dartaero.com>, Marcel Daviau <mdaviau@dartaero.com>

Cc: Jean-Luc Menard <jmenard@dartaero.com>, Eric Downing <edowning@dartaero.com>

Hi all,

We require, asap, CB91, to ship out kits this month, but no one has any in stock, and all of ours are expired. Can we use the CB92 ??

Please let me know asap (today)

Thx

L

From: sales@theflightshop.com [mailto:sales@theflightshop.com]

Sent: Thursday, January 25, 2018 11:01 AM

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					

Change Record

PAGE 1 OF 1

Part Number: D139-799-015

Description: ENGINE WASH

[illegible]